

Title (en)
COOLING APPARATUS

Title (de)
KÜHLVORRICHTUNG

Title (fr)
APPAREIL DE REFROIDISSEMENT

Publication
EP 3092452 A1 20161116 (EN)

Application
EP 15735221 A 20150106

Priority
• KR 20140003187 A 20140110
• KR 20140003186 A 20140110
• KR 20140003185 A 20140110
• KR 2015000120 W 20150106

Abstract (en)
[origin: US2015198363A1] A cooling apparatus is provided in which items to be cooled may be vertically stacked on each other in a state in which the items to be cooled are laid out or laid on their sides. When the items to be cooled are vertically stacked in the cooling apparatus, a problem in that an upper space of the cooling apparatus is not utilized may be solved to efficiently utilize an inside of a refrigerator or a back surface of a door. Also, a problem in that capacity within the refrigerator is reduced when the items to be cooled are horizontally received may be solved.

IPC 8 full level
F25D 25/00 (2006.01); **F25D 17/06** (2006.01); **F25D 17/08** (2006.01)

CPC (source: EP KR US)
F25D 31/007 (2013.01 - EP KR US); **F25D 2331/803** (2013.01 - EP KR US); **F25D 2331/805** (2013.01 - EP KR US);
F25D 2400/28 (2013.01 - EP KR US)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2015198363 A1 20150716; US 9920984 B2 20180320; CN 105339745 A 20160217; CN 105339745 B 20171031; EP 3092452 A1 20161116; EP 3092452 A4 20170816; EP 3092452 B1 20190306; KR 102253705 B1 20210518; KR 20160108127 A 20160919; US 10458700 B2 20191029; US 2018149423 A1 20180531; WO 2015105319 A1 20150716

DOCDB simple family (application)
US 201514592318 A 20150108; CN 201580001108 A 20150106; EP 15735221 A 20150106; KR 2015000120 W 20150106; KR 20157036142 A 20150106; US 201815877735 A 20180123